

**ABSTRACT**

This invention relates to a device for the simultaneous qualitative or quantitative  
5 determination of several analytes in a liquid sample. The device comprises, ~~comprising~~ a  
membrane ~~(2)~~ with a charging zone ~~(5)~~, for the application of the liquid sample, at least  
two indicator zones which can interact with the analyte(s) and at least one absorption  
region ~~(3)~~, which accepts the fluid after passing through the indicator zones, whereby the  
indicator zones lie between the charging zone ~~(5)~~ and an absorption region ~~(3)~~,  
10 characterized in that the flow directions (flow tracks) are essentially parallel from the  
application zone ~~(5)~~ through each indicator zone to an absorption region ~~(3)~~ and at least  
two different flow tracks are present. The invention further relates to a method for the  
determination of several analytes or derivatives thereof in a liquid sample, comprising:  
application of the sample to the charging zone ~~(5)~~ of a membrane of the device ~~as given~~  
15 ~~in claims 1 to 8~~, whereby said sample is present in sufficient amounts to permit the  
sample fluid to flow in the direction of the absorption region ~~(3)~~ through the indicator  
zones and to permit the analytes or derivatives thereof in the liquid sample to form a  
complex in the indicator zone.